Stafford and King George Counties, Virginia

Yields are those that can be expected under a high level of management. They are for nonirrigated areas. Absence of a yield indicates that the soil is not suited to the crop or the crop generally is not grown on the soil.

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
	•	Bu	Tons	Bu	AUM	AUM
Ad: Alluvial land, sandy and gravelly	4w					
Alluvial wet						
Ae: Alluvial land, wet	4w					
Alluvial land						
AfA:						
Altavista	2w				11.50	
Augusta						
Dogue						
Wickham						
AfB:						
Altavista	2e				11.50	
Dogue						
Wickham						
AfC2:						
Altavista	3e				10.50	
Wickham						
AIB:						
Appling	2e		4.80		8.00	
Caroline						
Cecil						
Colfax						
Nason						
AIC2:						
Appling	4e	70.00	4.20		7.00	
Ashlar						
Cecil						

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
AIC2: Colfax						
Nason						
AnB:						
Appling	2s	70.00	4.80		8.00	
Cecil						
Cullen						
AnC2:						
Appling	3s	70.00	4.50		8.00	
Cecil						
Cullen						
ApC3:						
Appling	4e	70.00	4.20		7.00	
Ashlar						
Cecil						
Nason						
AsD:						
Ashlar	4e		2.00	50.00	5.00	
Appling						
Manor						
AsE:						
Ashlar	6e				4.00	
Manor						
Watt variant						
AsF:						
Ashlar	7e				3.00	
Gravelly soil						
Rock Outcrop						
AtA:						
Atlee	2w	70.00	3.50			7.50

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
AtA: Bourne						
Craven						
AtB:						
Atlee	2e	70.00	3.50			7.50
Bourne						
Caroline						
Craven						
Au:						
Augusta	3w		6.00			10.00
Roanoke						
Altavista						
Wahee						
AvB:						
Aura	2e					
Bourne						
Caroline						
Galestown						
Sassafras						
AvC2:	•					
Aura	3e					
Caroline						
Galestown						
Sassafras						
AvD2: Aura	3e					
Caroline						
Galestown						
Sassafras						
Gassallas						

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
AvE2: Aura	3e					
Galestown						
Sassafras						
AwD: Aura	3e					
Galestown	7s					
Sassafras	4e		3.00			
Caroline						
AwE:						
Aura	3e					
Galestown	7s					
Sassafras	7e					
Gravelly soil						
BaA:						
Bertie	2w	80.00				
Bladen						
Fallsington						
Pooler variant						
Bb:						
Bibb	5w					8.00
Alluvial wet						
Fresh water swamp						
luka						
Bd:	0					
Bladen	6w					
Pooler variant						
Bertie						
Tetotum						
BmA:						

Table B2. - Land Capability and Yields per Acre of Crops and Pasture - Continued

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
BmA: Bourne	2w		2.50	65.00	5.60	
Bladen						
Kempsville						
Sassafras						
Tetotum						
BmB: Bourne	2e		2.50	65.00	5.30	
Caroline						
Craven						
Kempsville						
Sassafras						
Tetotum						
BmC2:						
Bourne	3e		2.00	50.00	5.00	
Bourne variant						
Caroline						
Sassafras						
BnB:						
Bourne variant	2e		2.50	65.00	5.30	
Aura						
Caroline						
Sassafras						
BnC2: Bourne variant	3e		2.00	50.00	5.00	
Aura						
Caroline						
Sassafras						
BoB: Bourne	2e		2.50	65.00	5.30	

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
BoB: Appling						
Aura						
Bourne variant						
Caroline						
Cecil						
BoC2:						
Bourne	3e		2.00	50.00	5.00	
Appling						
Aura						
Bourne variant						
Caroline						
Cecil						
Nason						
BrD: Bremo	4e		1.90	55.00	4.70	
Manor						
Mecklenburg						
Zion variant						
BrE: Bremo	7e					
Manor						
Watt variant						
CaB2: Caroline	2e		2.50			8.00
Aura						
Bourne						
Craven						
Sassafras						

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
	1	Bu	Tons	Bu	AUM	AUM
CaB2: Tetotum						
CaC2:						
Caroline	3e		2.50			6.60
Aura						
Kempsville						
Sassafras						
CaD2:						
Caroline	4e		1.40			5.40
Aura						
Kempsville						
Sassafras						
CcC3:						
Caroline	4e		1.50			6.00
Bourne						
Kempsville						
Sassafras						
CcD3:						
Caroline	6e					5.00
Aura						
Kempsville						
Sassafras						
CdD:						
Caroline	6e					5.00
Sassafras	4e		3.00			
Craven						
Galestown						
CdE:						
Caroline	7e					
Sassafras	7e					

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
CdE: Galestown						
Ce:						
Cartecay	5w	80.00				7.00
Alluvial land, wet						
Wehadkee						
Altavista						
CfB2:						
Cecil	2e		3.20	90.00	8.00	
Elioak						
Nason						
CfC2:						
Cecil	4e		2.80	75.00	7.00	
Ashlar						
Elioak						
Nason						
CgB2:						
Cecil	2e		3.20	90.00	8.00	
Cullen						
Elioak						
Nason						
ChC3:						
Cecil	4e		2.20	60.00	5.00	
Elioak						
Nason						
CIB: Colfax	3w		2.40	65.00	6.00	
Appling						
Cecil						
CmB:						
JD.						

Congaree 3w 80.00 - 75.00	Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
Colfax variant Sw 2.40 65.00 6.00 Appling			Bu	Tons	Bu	AUM	AUM
Care 3w 80.00 75.00 Cartecay Altavista Wickham Crae 2w Bladen Bourne		3w		2.40	65.00	6.00	
Cri: Congaree 3w 80.00 - 75.00	Appling						
Congaree 3w 80.00 75.00 Cartecay	Nason						
Carlecay	Cn:						
Altavista	Congaree	3w	80.00		75.00		
Wickham	Cartecay						
Craven 2w	Altavista						
Craven 2w <td< td=""><td>Wickham</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Wickham						
Bladen	CrA:						
Bourne	Craven	2w					
Caroline Tetotum CrB: Craven 3e Pooler variant Bourne Caroline Caroline Tetotum Tetotum CuB2: Cullen 3e 80.00 3.20 65.00 8.30 Cecil Elioak Nason CuC2: Cullen 4e 80.00 2.80 50.00 7.60 Cecil	Bladen						
Cretotum	Bourne						
CrB: Craven 3e	Caroline						
Craven 3e <th< td=""><td>Tetotum</td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Tetotum						
Pooler variant <td>CrB:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	CrB:						
Bourne <t< td=""><td>Craven</td><td>3e</td><td></td><td></td><td></td><td></td><td></td></t<>	Craven	3e					
Caroline	Pooler variant						
Tetotum CuB2: 3e 80.00 3.20 65.00 8.30 Cecil Elioak <	Bourne						
CuB2: Cullen 3e 80.00 3.20 65.00 8.30 Cecil Elioak Nason CuC2: Cecil	Caroline						
Cullen 3e 80.00 3.20 65.00 8.30 Cecil	Tetotum						
Cecil <td< td=""><td>CuB2:</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	CuB2:						
Elioak <t< td=""><td>Cullen</td><td>3e</td><td>80.00</td><td>3.20</td><td>65.00</td><td>8.30</td><td></td></t<>	Cullen	3e	80.00	3.20	65.00	8.30	
Nason CuC2: Cullen 4e 80.00 2.80 50.00 7.60 Cecil	Cecil						
CuC2: Cullen 4e 80.00 2.80 50.00 7.60 Cecil	Elioak						
Cullen 4e 80.00 2.80 50.00 7.60 Cecil <td< td=""><td>Nason</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Nason						
Cullen 4e 80.00 2.80 50.00 7.60 Cecil <td< td=""><td>CuC2:</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	CuC2:						
		4e	80.00	2.80	50.00	7.60	
Elioak	Cecil						
	Elioak						

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
CuC2: Nason						
CvC3: Cullen	4e	80.00	2.80	50.00	7.60	
Cecil						
Elioak						
Nason						
Cw: Cut and fill land						
DAM: Dam						
DoA:						
Dogue	2w	80.00	3.50	80.00		9.50
Altavista						
Augusta						
Wahee						
Wickham						
DoB:						
Dogue	2e	80.00	3.50	70.00		9.50
Altavista						
Turbeville						
Wickham						
Eb:						
Elbert variant	4w		2.00		3.50	
Worsham						
Meadowville						
Orange						
EIB2:						
Elioak	2e		3.50	80.00	10.50	
Cullen						

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
EIB2: Mecklenburg						
Nason						
EIC2:						
Elioak	3e		3.50	75.00	9.50	
Cullen						
Mecklenburg						
Nason						
EmC3:						
Elioak	3e		3.50	75.00	9.50	
Cullen						
Manor						
Mecklenburg						
Nason						
FaB:						
Fairfax	2e	80.00	3.50	75.00	9.00	
Elioak						
Nason						
Fd:						
Fallsington	4w	80.00			5.00	
Bladen						
Bertie						
Fs:	•					
Fresh water swamp	6w					
GsD: Galestown	7s					
			2.00			
Sassafras	4e		3.00			
Caroline						
GsE: Galestown	7s					

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
	<u> </u>	Bu	Tons	Bu	AUM	AUM
GsE: Sassafras	7e					
Gravelly soil						
GsF: Galestown	7s					
Sassafras	7e					
Clayey soil						
Gravel soil						
lu:						
luka	2w	80.00				8.00
Alluvial land, wet						
Bibb						
KeA:						
Kempsville	1	70.00	3.50	80.00		9.50
Bourne						
Sassafras						
KeB:						
Kempsville	2e	70.00	3.50	75.00		9.50
Bourne						
Caroline						
Sassafras						
KfB:						
Kempsville	2e	70.00	3.50	75.00		9.50
Bourne						
Caroline						
Sassafras						
Turbeville						
KfC2:						
Kempsville	3e	70.00	3.00	70.00		9.00
Caroline						

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
KfC2: Sassafras						
Turbeville						
KfD2: Kempsville	4e	70.00	2.50	50.00		8.00
Caroline						
Sassafras						
Turbeville						
LgA:						
Lignum	2w		2.00	40.00	6.00	
Alluvial land, wet						
Elbert variant						
Worsham						
LgB:						
Lignum	2e		2.50	50.00	7.00	
Colfax						
Meadowville						
Orange						
Worsham						
MaD:						
Manor	3e		2.50		6.00	
Elioak						
Nason						
MaE:						
Manor	6e					
Ashlar						
Watt variant						
MdB:						
Marr	2e		3.50		10.50	
Caroline						

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
MdB: Westphalia						
MdC2:						
Marr	3e		3.50		9.50	
Caroline						
Westphalia						
MdD2: Marr	4e		3.00		8.50	
Caroline						
Westphalia						
MdE2: Marr	6e				7.50	
Galestown						
Sassafras						
Westphalia						
Me: Meadowville	2e	80.00	3.80	75.00	6.50	
Mottled soils						
Red soils						
MkB2: Mecklenburg	2e	70.00	3.60	70.00	6.00	
Elioak						
Nason						
Zion variant						
MkC2: Mecklenburg	3e	70.00	3.30	65.00	5.50	
Appling						
Nason						
Zion variant						
MIC3:						

Table B2. - Land Capability and Yields per Acre of Crops and Pasture - Continued

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
MIC3: Mecklenburg	3e	70.00	3.30	65.00	5.50	
Appling						
Nason						
Zion variant						
NaB:						
Nason	2e	70.00	3.00	70.00	8.00	
Appling						
Mecklenburg						
NaC2:						
Nason	3e	70.00	2.50	65.00	7.50	
Appling						
Manor						
Mecklenburg						
NcC3: Nason	3e	70.00	2.50	65.00	7.50	
Appling						
Mecklenburg						
OrA: Orange	4w		2.50	50.00	5.20	
Elbert variant						
Worsham						
Meadowville						
OrB:						
Orange	3e		3.00	50.00	6.50	
Cullen						
Mecklenburg						
OrC2:						
Orange	4e		2.00	40.00	4.70	
Mecklenburg						

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
OrC2: Zion variant						
Po: Pooler variant	6w					
Bladen						
Tetotum						
Ro:						
Roanoke	5w	30.00	2.00		5.20	
Wehadkee						
Altavista						
Wahee						
Sa: Sand and gravel pits						
ScF: Sandy and clayey land	6e					
SfA:						
Sassafras	1		3.50			
Bourne						
Caroline						
Kempsville						
SfB: Sassafras	2e		3.50			
Aura						
Caroline						
Kempsville						
SfC2: Sassafras	3e		3.50			
Bourne						
Caroline						
Galestown						

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
SfC2: Kempsville						
SfD2:						
Sassafras	4e		3.00			
Aura						
Caroline						
Kempsville						
SfE2:						
Sassafras	7e					
Aura						
Galestown						
Sn:						
State	2e	80.00	5.10			8.00
Alluvial land, wet						
StD:						
Stony rolling land						
Caroline						
Sassafras						
StE:						
Stony steep land						
Caroline						
Sassafras						
SuC:						
Susquehanna	6e					6.50
Aura						
Caroline						
TeA:						
Tetotum	2w	80.00	3.00			8.50
Bladen						
Fallsington						

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
TeA: Pooler variant						
Bertie						
TeB: Tetotum	2e	80.00	2.80			8.00
	2e	60.00	2.60			6.00
Bertie						
Caroline						
TeC2:						
Tetotum	3e	80.00	2.80			8.00
Caroline						
Sassafras						
Tm:						
Tidal marsh	7w					
TuA:						
Turbeville	1	80.00	4.00	75.00		8.50
Altavista						
Bourne						
Dogue						
Kempsville						
TuB:						
Turbeville	2e	80.00	4.00	75.00		8.50
Bourne						
Caroline						
Kempsville						
TuC2:						
Turbeville	3e	80.00	3.50	75.00		8.00
Caroline						
Kempsville						
Sassafras						
W:						

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
W: Water						
Wa:						
Wahee	2w			70.00		10.00
Roanoke						
Altavista						
Augusta						
Dogue						
WgD: Watt variant	4e			40.00	5.00	
Aura						
Manor						
Nason						
WgE: Watt variant	7e				3.00	
Manor						
Rock Outcrop						
Wh:						
Wehadkee	6w	30.00			8.50	
Alluvial land, wet						
Cartecay						
WIB: Westphalia	2e		3.50		9.50	
Caroline						
Marr						
Sassafras						
WID2: Westphalia	3e		3.00		8.50	
Caroline						_
Marr						

Table B2. - Land Capability and Yields per Acre of Crops and Pasture - Continued

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
	l	Bu	Tons	Bu	AUM	AUM
WID2: Sassafras						
WIE2: Westphalia	7e					
Galestown						
Marr						
Sassafras						
WmA: Wickham	1	80.00	5.50		9.50	
Altavista						
WmB: Wickham	2e		5.50		9.50	
Altavista						
WmC2: Wickham	3e	80.00	5.00		9.00	
Gravel soil						
WnA: Wickham variant	1	80.00	5.50		9.50	
Gravelly soil						
Loamy sand soil						
WnB: Wickham variant	2e	80.00	5.50		9.50	
Gravelly soil						
Sandy loam soil						
WnC: Wickham variant	3e	80.00	5.00		9.00	
Gravelly soil						
Loamy sand soil						
WoA:						
Woodstown	2w	80.00			8.00	
Bertie						

Map Symbol and Soil Name	Land Capability	Barley	Grass-Legume Hay	Oats	Pasture	Tall Fescue
		Bu	Tons	Bu	AUM	AUM
WoA: Sassafras						
WoB:						
Woodstown	2w	80.00			8.00	
Bertie						
Caroline						
Sassafras						
Wr:						
Worsham	4w		2.70	60.00	7.20	
Alluvial land, wet						
Elbert variant						
Colfax						
ZIB:						
Zion variant	2e		2.50	55.00	6.60	
Cullen						
Mecklenburg						
Orange						
ZIC2:						
Zion variant	3e		2.00	45.00	5.30	
Bremo						
Cullen						
Mecklenburg						